



## Assessing the potential consequences of climate destabilization in Latin America

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### Abstract:

Estimating the potential costs of climate destabilization is not a trivial matter. Potential climate impacts have multiple consequences, some of which can be monetized while others are beyond the reach of standard economic tools. A full assessment of the implications of climate impacts often cannot be completed because many of the consequences are only partly known. This report summarizes data recently made available, through the portfolio of adaptation activities in the region, on some of the damages induced by climate destabilization. These include impacts from hurricane intensification, glacier retreat, and increased exposure to tropical vector diseases, coral bleaching, and composite costs of climate change in the particularly vulnerable Caribbean Basin....The report thus summarizes the value of damages induced by hurricane intensification, coral mortality, glacier retreat and warming of mountain ecosystems, increased incidence of tropical vector diseases, for specific areas of Latin America. [from the Foreword]

**Source:** <http://go.worldbank.org/RV4VNYC2U0>

### Resource Description

#### Climate Scenario :

specification of climate scenario (set of assumptions about future states related to climate)

Special Report on Emissions Scenarios (SRES), Other Climate Scenario

**Special Report on Emissions Scenarios (SRES) Scenario:** SRES A1, SRES A2, SRES B1, SRES B2

**Other Climate Scenario:** A1F

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience:

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audience to whom the resource is directed

Policymaker

## **Exposure :**

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Extreme Weather Event, Precipitation, Sea Level Rise, Temperature

**Extreme Weather Event:** Hurricanes/Cyclones

## **Geographic Feature:**

resource focuses on specific type of geography

Freshwater, Mountain, Ocean/Coastal

## **Geographic Location:**

resource focuses on specific location

Non-United States

**Non-United States:** Non-U.S. North America

## **Health Impact:**

specification of health effect or disease related to climate change exposure

General Health Impact, Infectious Disease

**Infectious Disease:** Vectorborne Disease

**Vectorborne Disease:** Mosquito-borne Disease

**Mosquito-borne Disease:** Dengue, Malaria

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

## **Model/Methodology:**

type of model used or methodology development is a focus of resource

Exposure Change Prediction

## **Population of Concern:** A focus of content

## **Population of Concern:**

populations at particular risk or vulnerability to climate change impacts

Children, Low Socioeconomic Status

## **Resource Type:**

format or standard characteristic of resource

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Policy/Opinion, Research Article, Review

**Socioeconomic Scenario:** Other Socioeconomic Scenario

**Other Socioeconomic Scenario:** basic needs index (NBI)

**Timescale:** ☒

time period studied

Medium-Term (10-50 years)

**Vulnerability/Impact Assessment:** ☒

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content